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on March 9 2007

Glenn P. Ladwig, Patent Attorney

SUBMISSION OF SEQUENCE LISTING AND STATEMENT Patent Application Docket No. C&R-109 Serial No. 10/539,656

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Richard Joseph Fagan, David Michalovich, Simon John White,

Christine Power, Melanie Yorke

Serial No.

10/539,656

Filed

June 14, 2005

Confirm. No.:

2922

For

Defensin Proteins

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUBMISSION OF SEQUENCE LISTING AND STATEMENT UNDER 37 C.F.R. §1.821

Sir:

The applicants submit herewith: (i) a Sequence Listing on two compact discs labeled "Copy 1" and "Copy 2" pursuant to 37 C.F.R. §§1.52(e) and 1.821(c); and (ii) a computer readable form of the Sequence Listing pursuant to 37 C.F.R. §§1.821(e) and 1.824. The applicants also submit that the necessary additional paragraph for the specification has been inserted into the specification at page 1.

Pursuant to 37 C.F.R. §1.52 (e)(3)(ii), Copy 1 and Copy 2 of the Sequence Listing are described as follows:

Copy 1:

Machine Format:

IBM-PC

Operating System:

MS-Windows XP

File Name:

Mar07.ST25.TXT

File Format:

ASCII

Size:

14 KB

Creation Date:

March 8, 2007; and

Copy 2:

Machine Format:

IBM-PC

Operating System:

MS-Windows XP

File Name:

Mar07.ST25.TXT

File Format:

ASCII

Size:

14 KB

Creation Date:

March 8, 2007.

Pursuant to 37 C.F.R. §1.824, the computer readable form of the Sequence Listing is described as follows:

Machine Format:

IBM-PC

Operating System:

MS-Windows XP

File Name:

Mar07.ST25.TXT

File Format:

ASCII

Size:

14 KB

Creation Date:

March 8, 2007.

In accordance with 37 C.F.R. §§1.52(e)(4) and 1.821(f), the contents of Copy 1, Copy 2, and the Sequence Listing submitted herewith are identical to each other and contain the same information. Further, in accordance with 37 C.F.R. §1.821(g), the Sequence Listing submitted herewith does not introduce new matter into the application.

The Commissioner is hereby authorized to charge any additional fees that may be required to Deposit Account No. 19-0065.

Respectfully submitted,

Glenn P. Ladwig Patent Attorney

Registration No. 46,853

Phone No.: 352-375-8100 Fax No.: 352-372-5800 Address: P.O. Box 142950

Gainesville, FL 32614-2950

GPL/mv

Attachments: Two copies of Sequence Listing on CDs (Labeled "Copy 1" and "Copy 2")

Sequence Listing in computer readable format (on compact disc)